

FIGURE 1

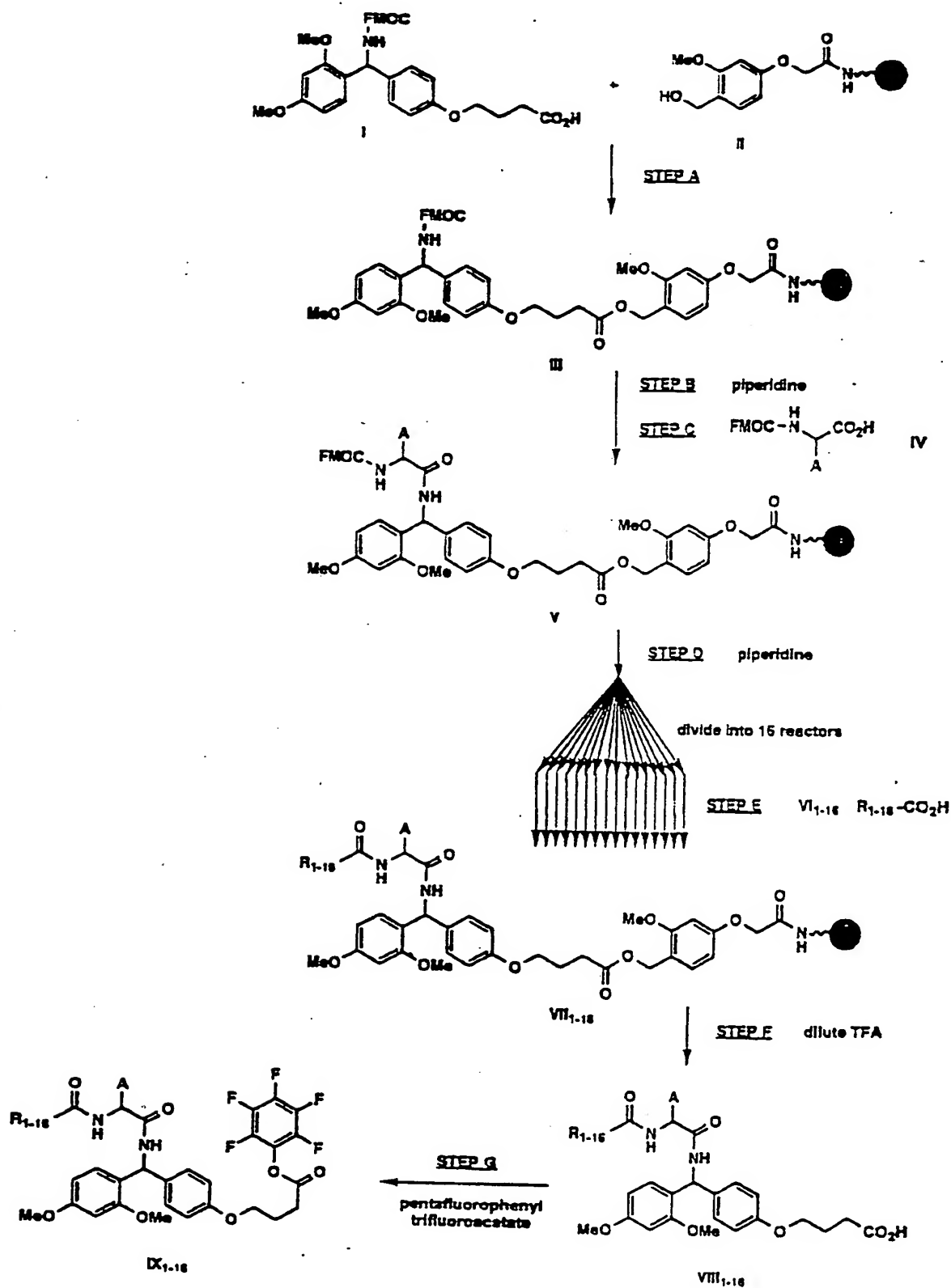
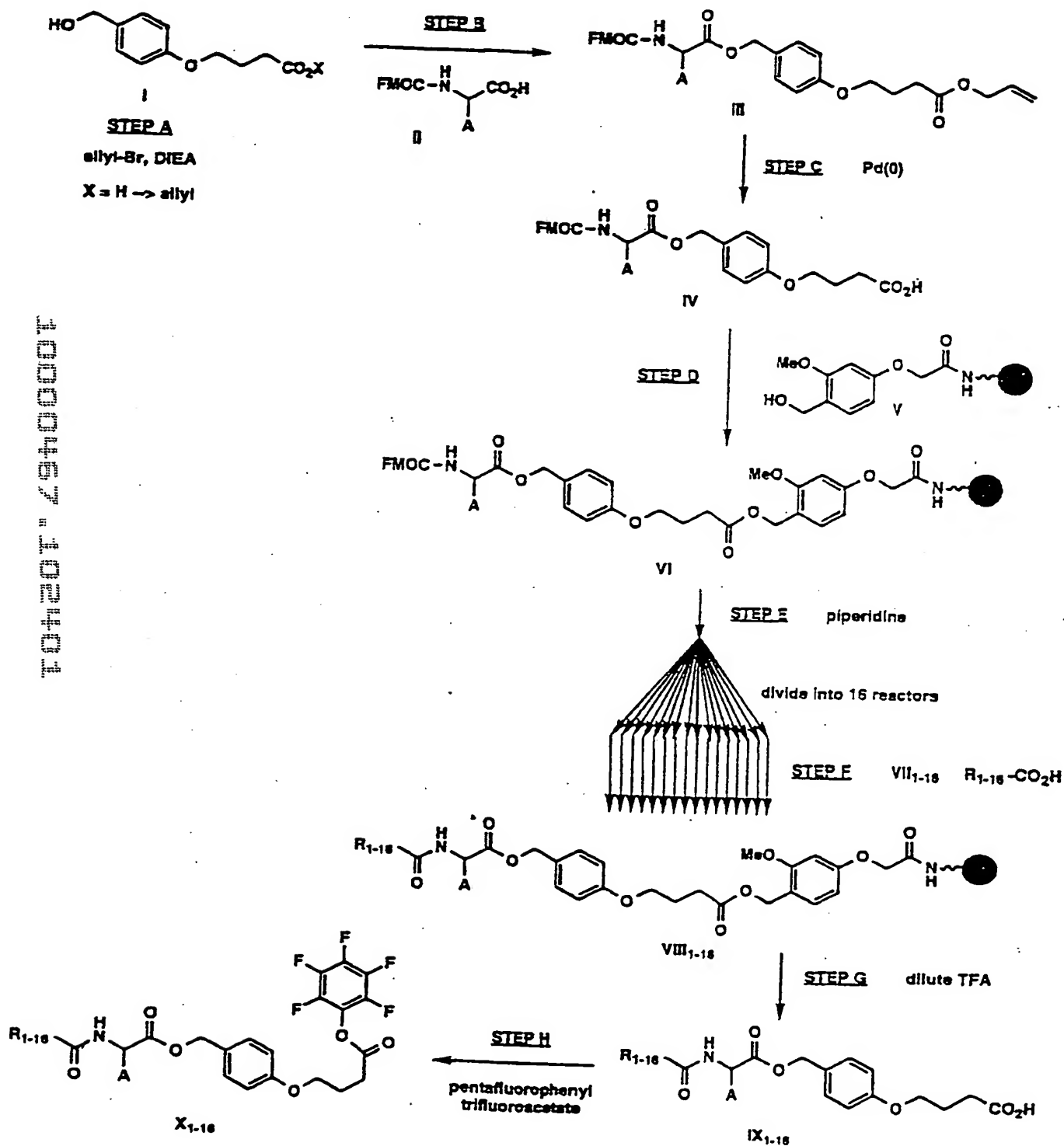


FIGURE 2



10000467-102401

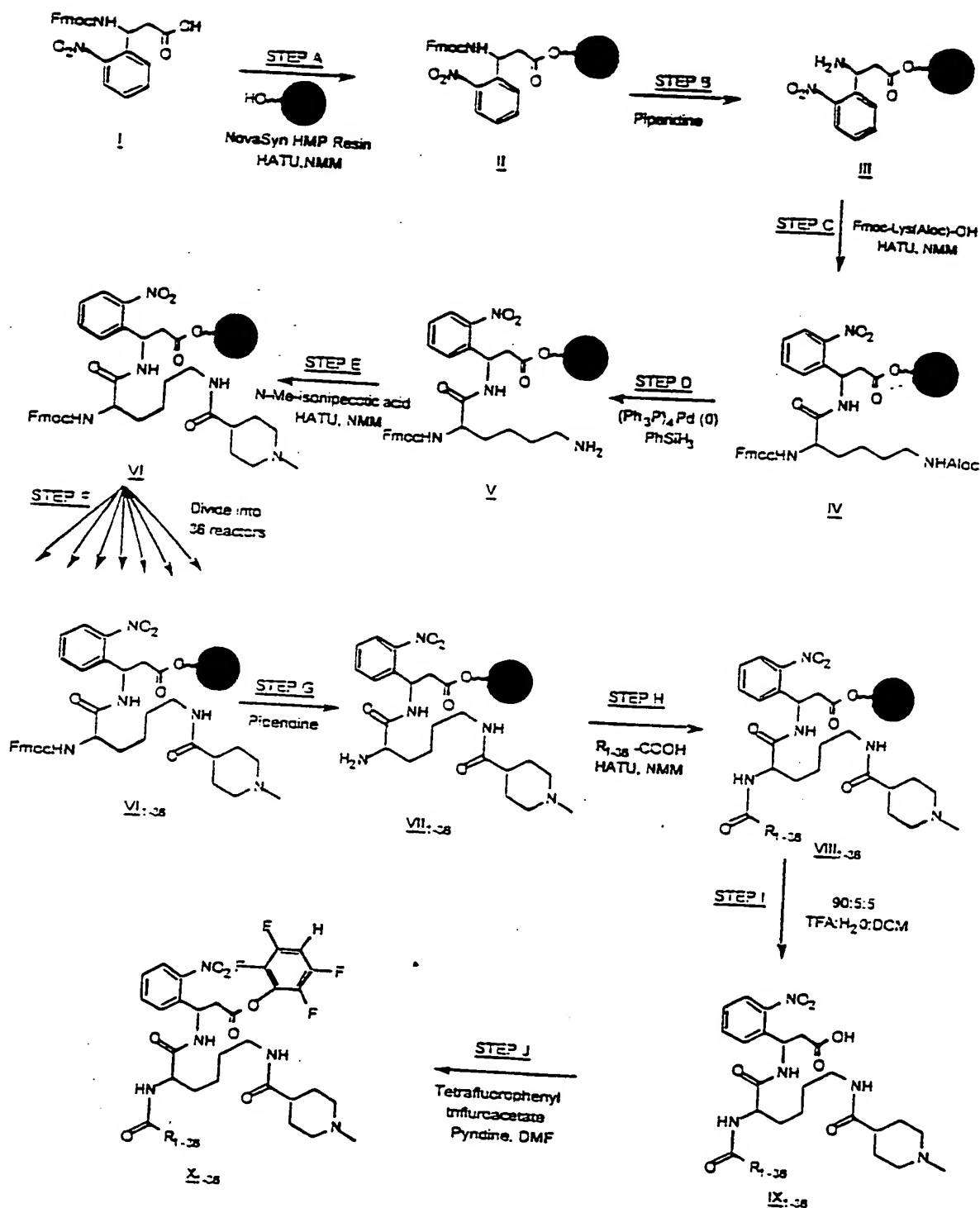


FIGURE 3

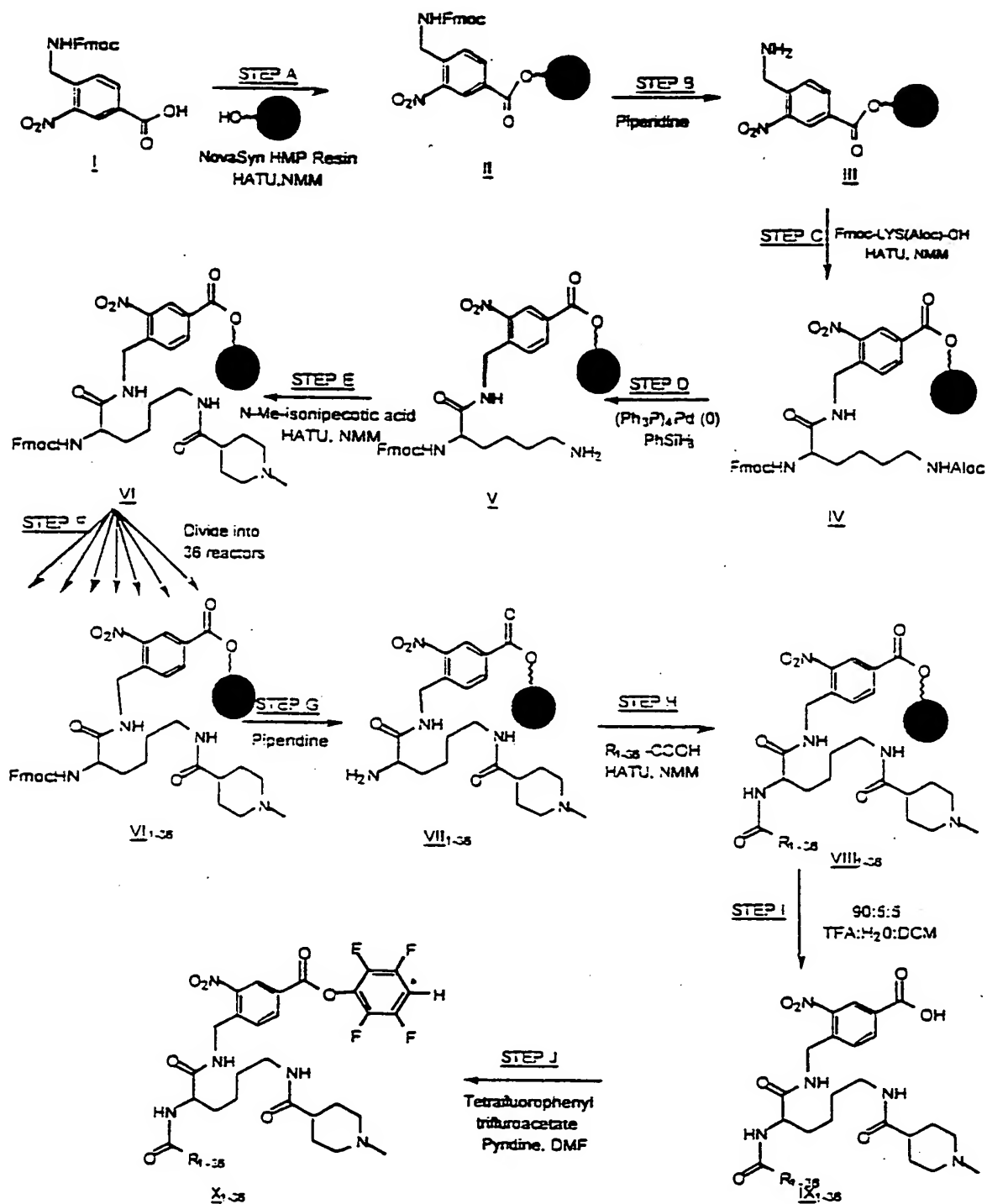


FIGURE 4

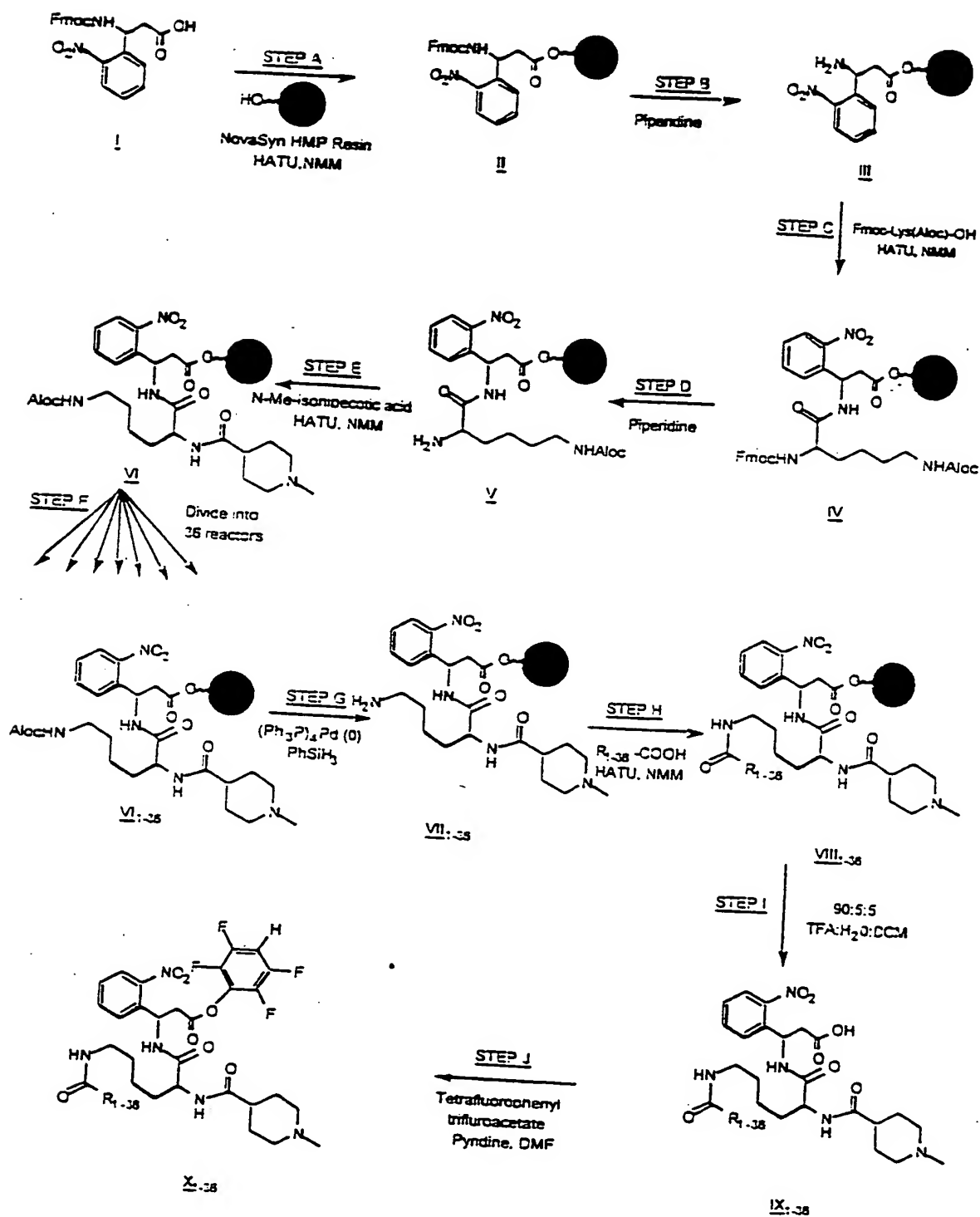


FIGURE 5

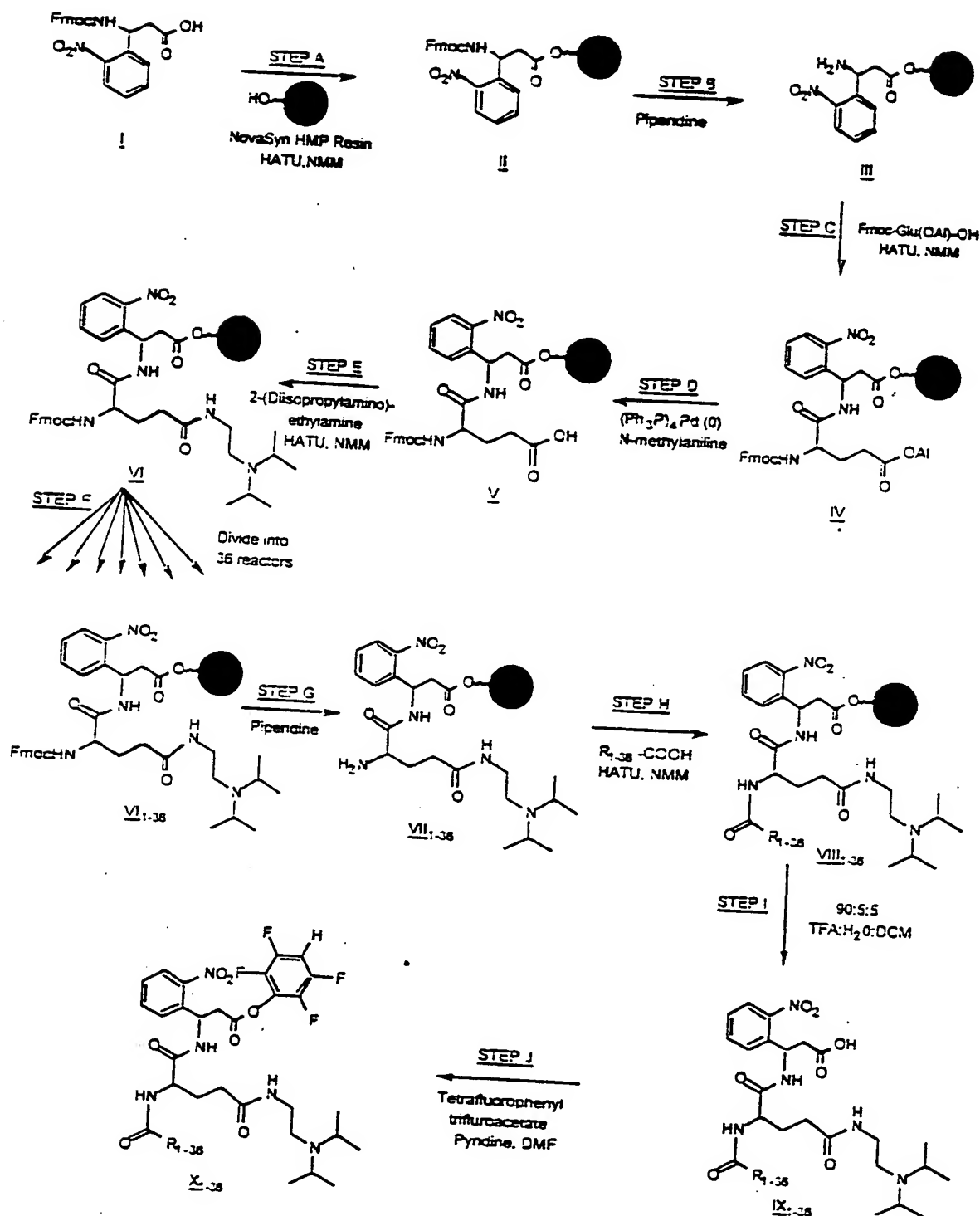


FIGURE 6

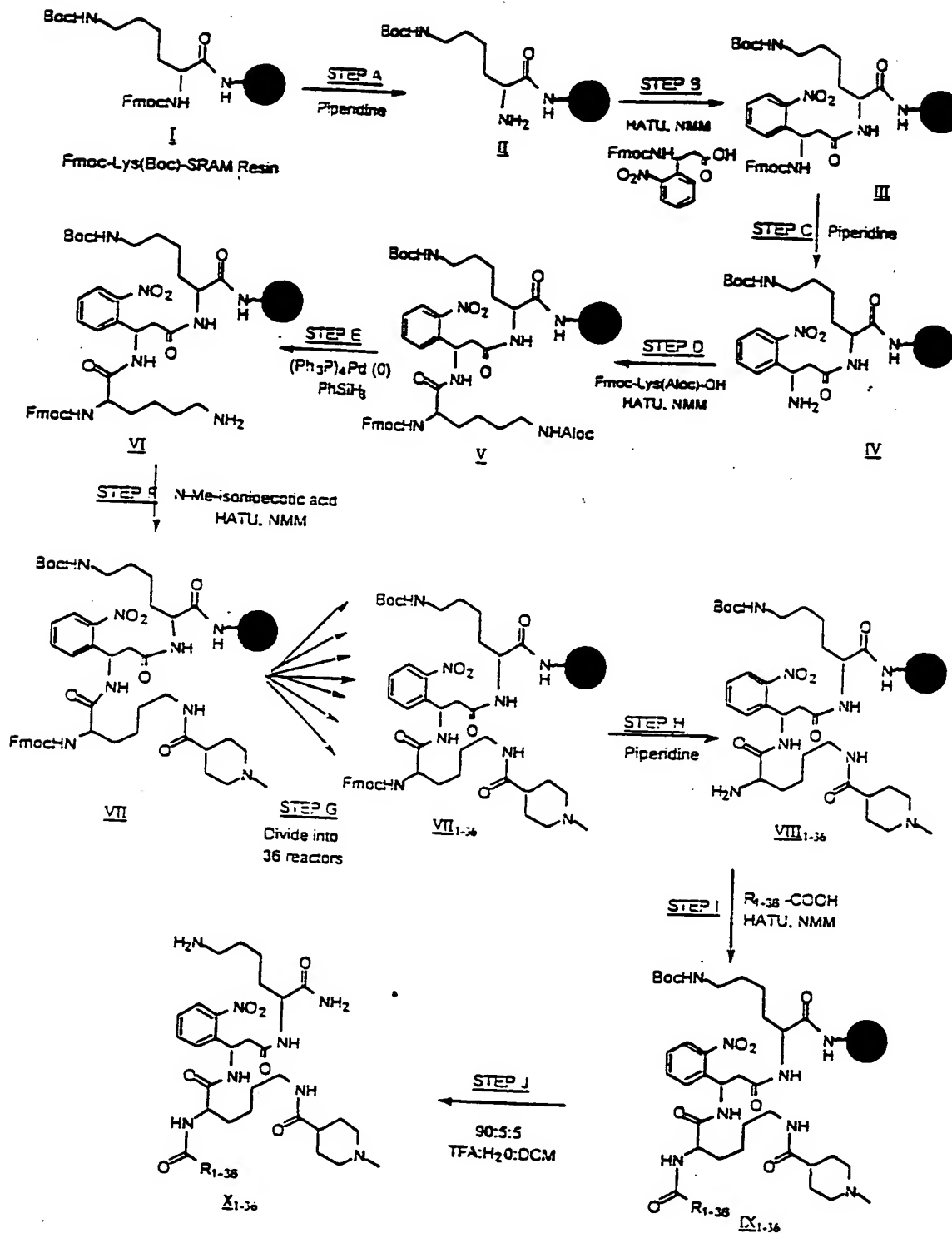


FIGURE 7

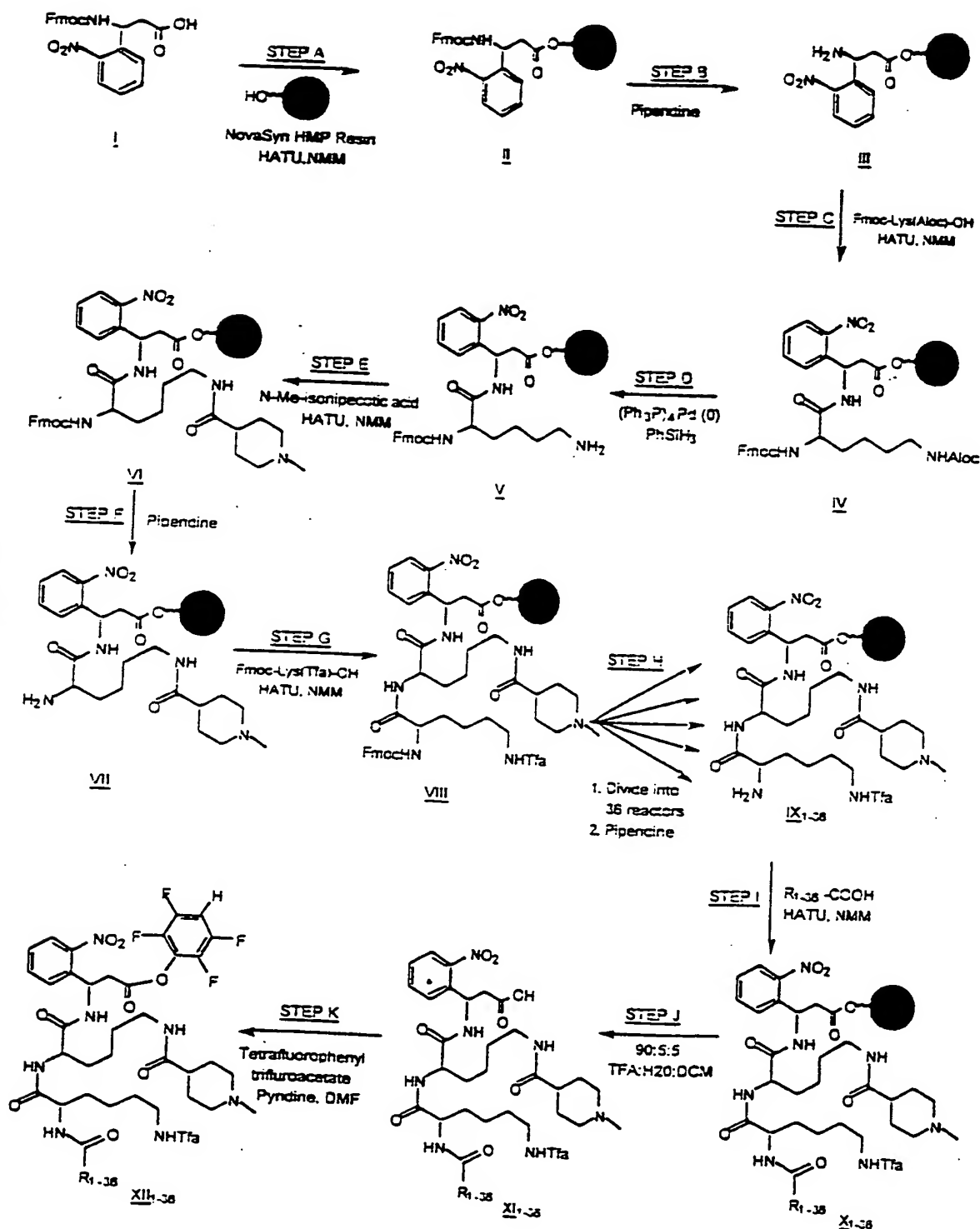


FIGURE 8

FIGURE 9

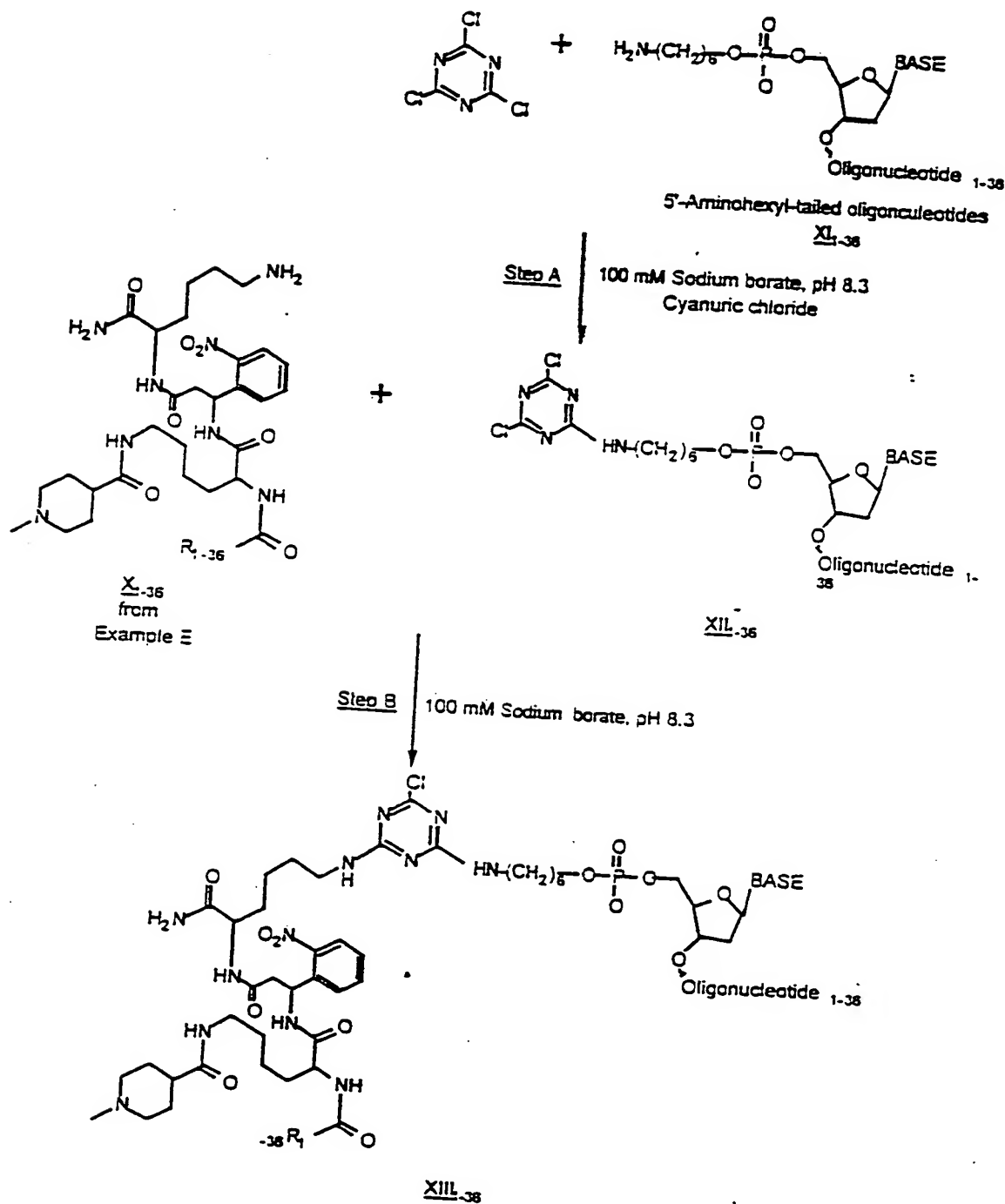


FIGURE 10

FIGURE 11 **Footprint**

Sample: DMC-1
1:10,000 dilution; reflector mode
very high laser power

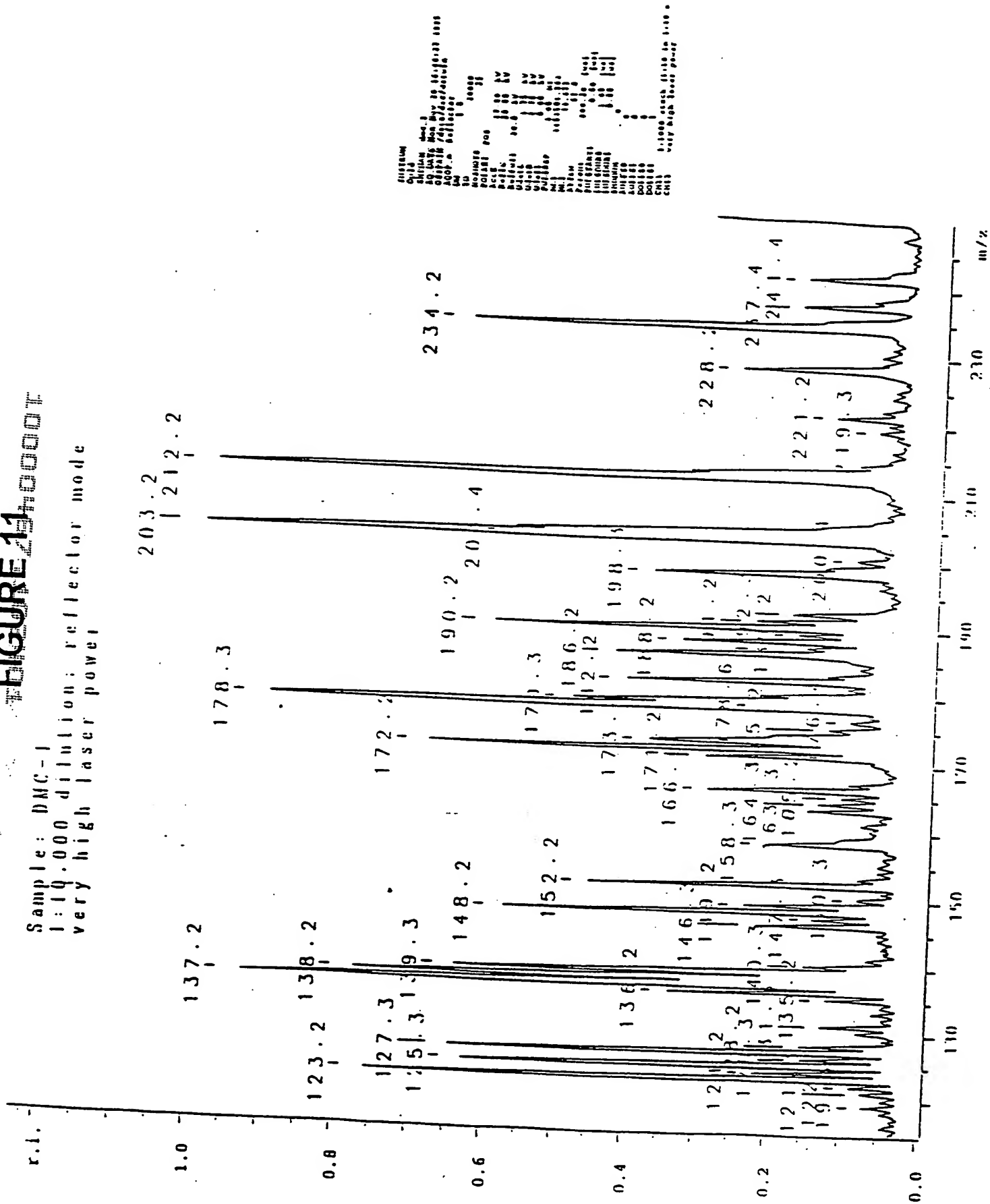
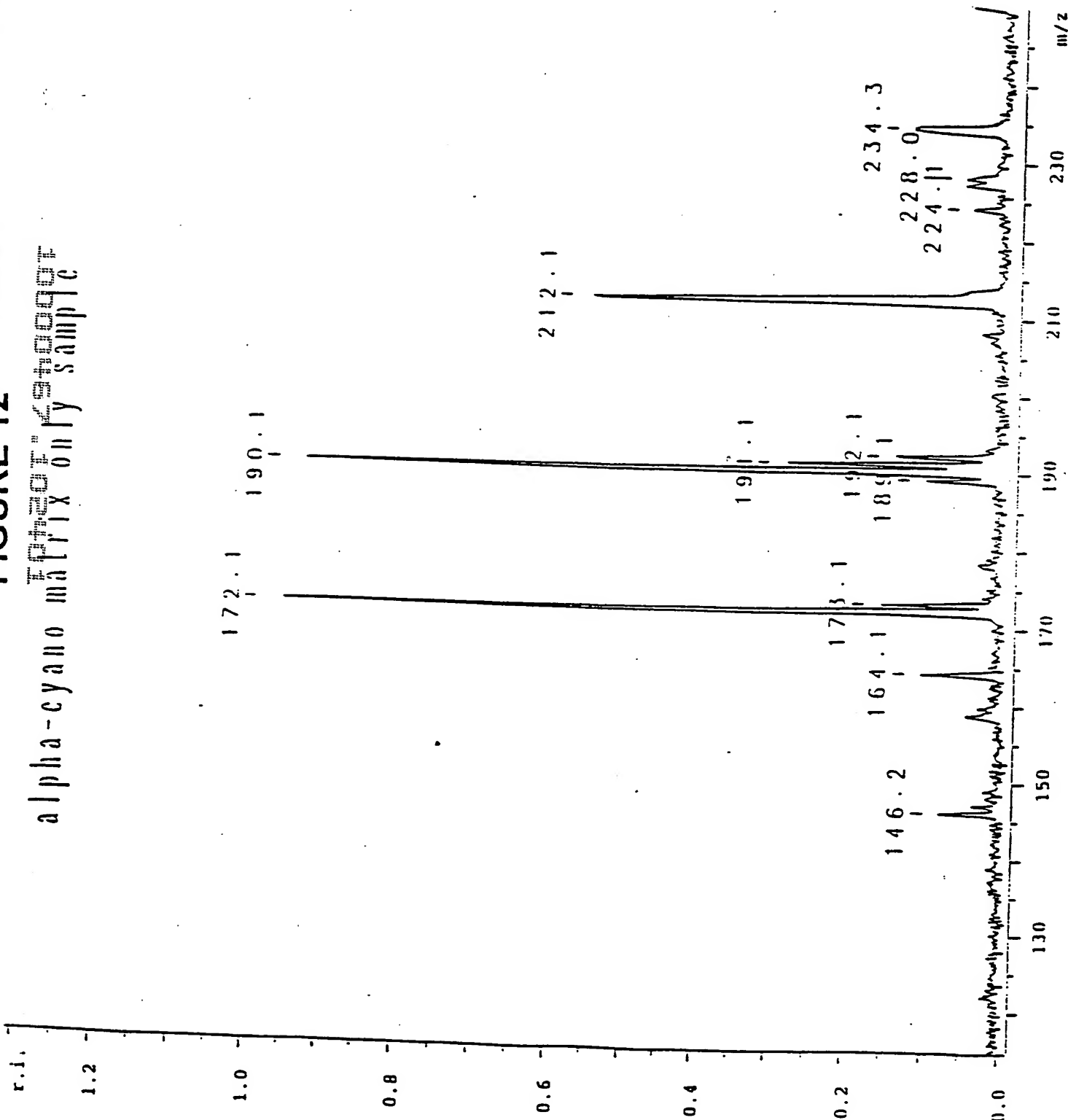


FIGURE 12

alpha-cyano matrix only sample



| Variable Weight Component | Weight Range Adjuster | Mass Spec Sensitivity Enhancer | Photocleavable Linker | 5'-Aminohexyl Tailed Oligonucleotide |
|---------------------------------|-----------------------------|--------------------------------------|--------------------------|---|
|---------------------------------|-----------------------------|--------------------------------------|--------------------------|---|

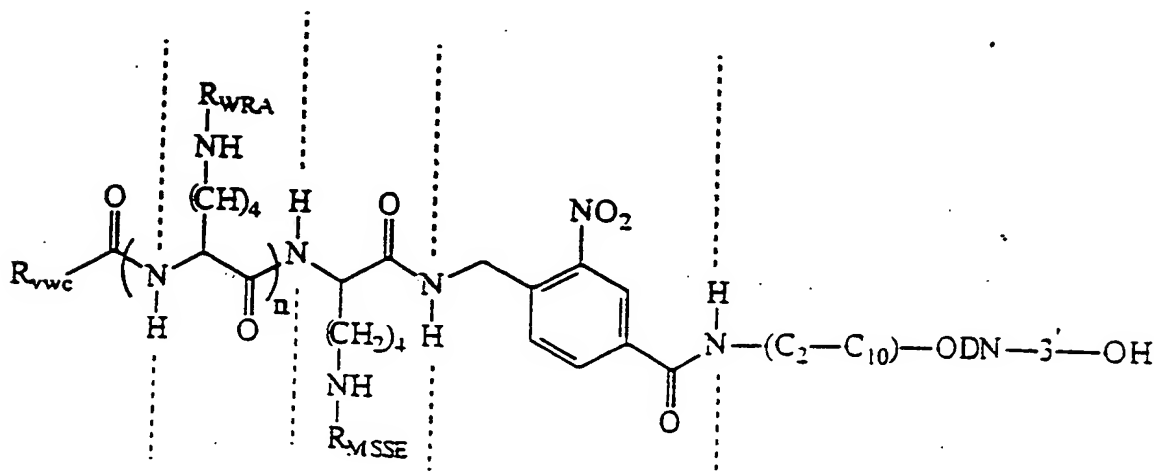


FIGURE 13

FOI201 29400007

Array Interrogation Using MALDI Mass Spectrometry

Title: METHODS AND COMPOSITIONS FOR ENHANCING SENSITIVITY

THE ANALYSIS OF BIOLOGICAL-BASED ANALYTES

Inventors: Jeffrey Van Dyke et al.

Express Mail No.: EL897872950US

Packet No.: 780068.418C3

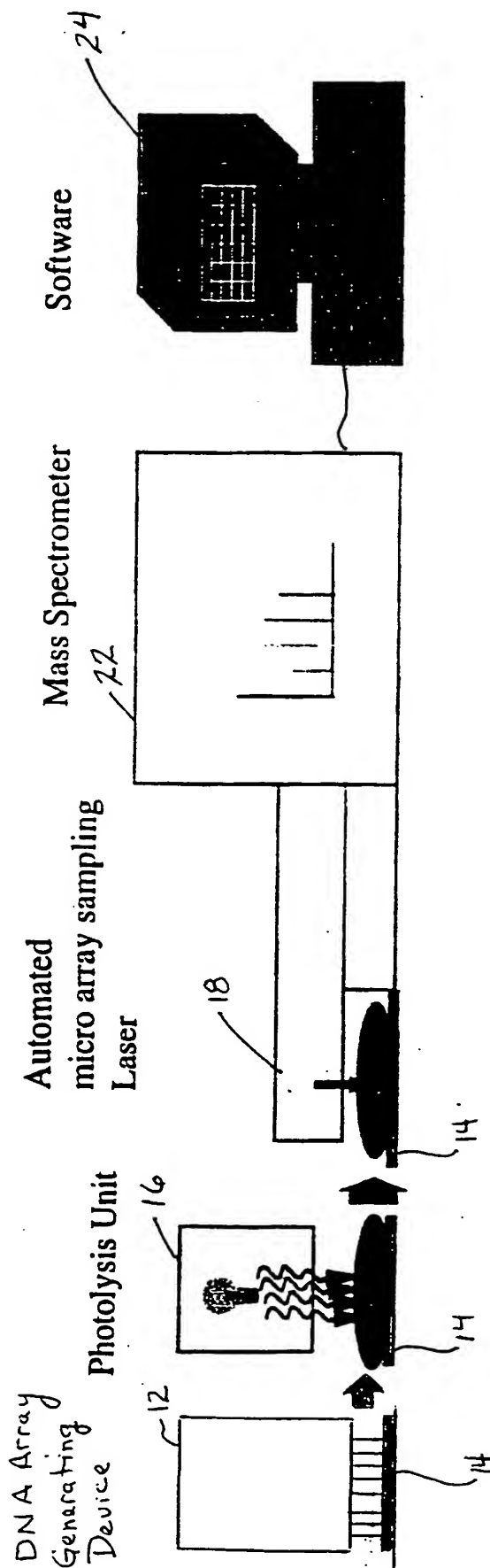
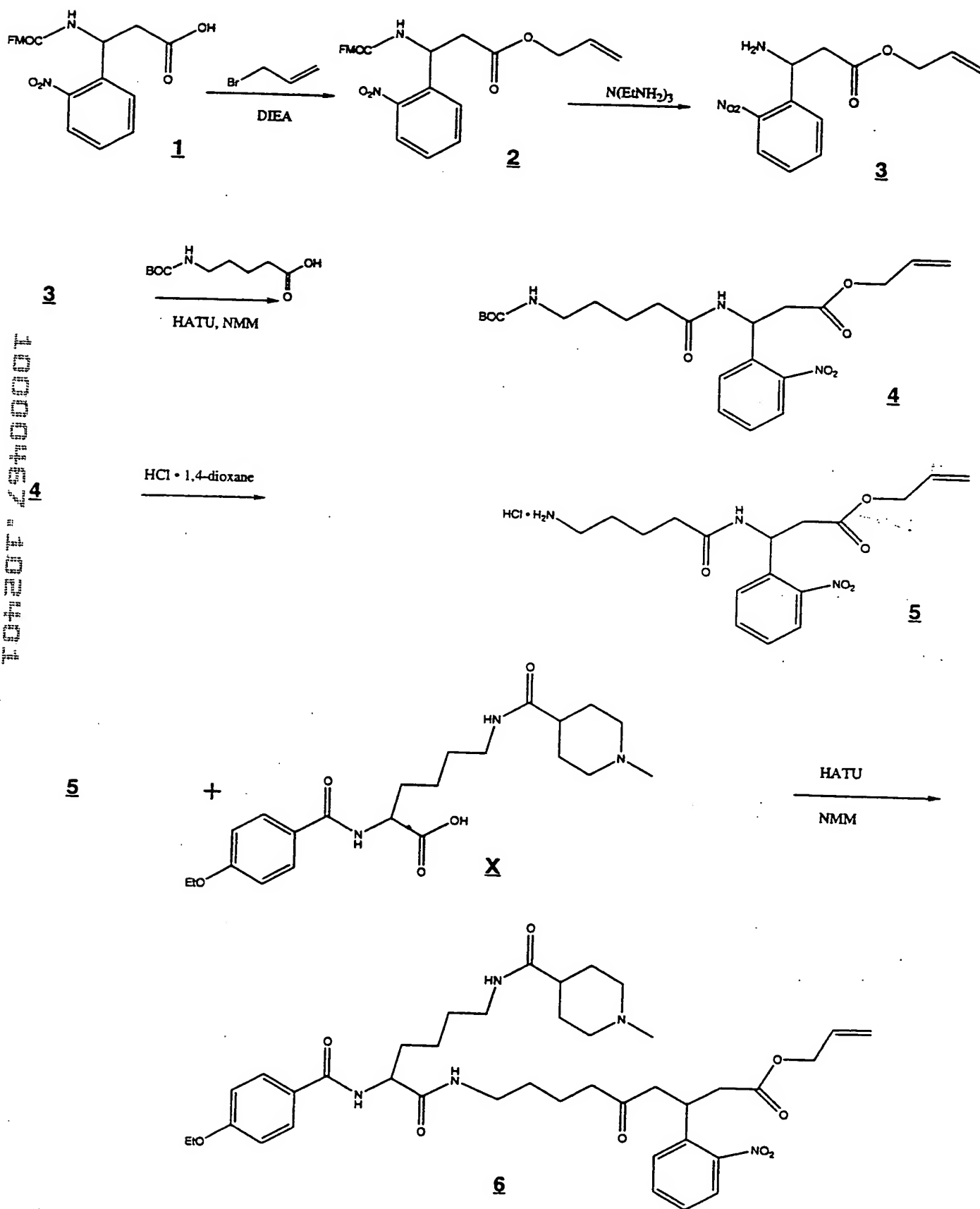


FIGURE 14

FIGURE 15A

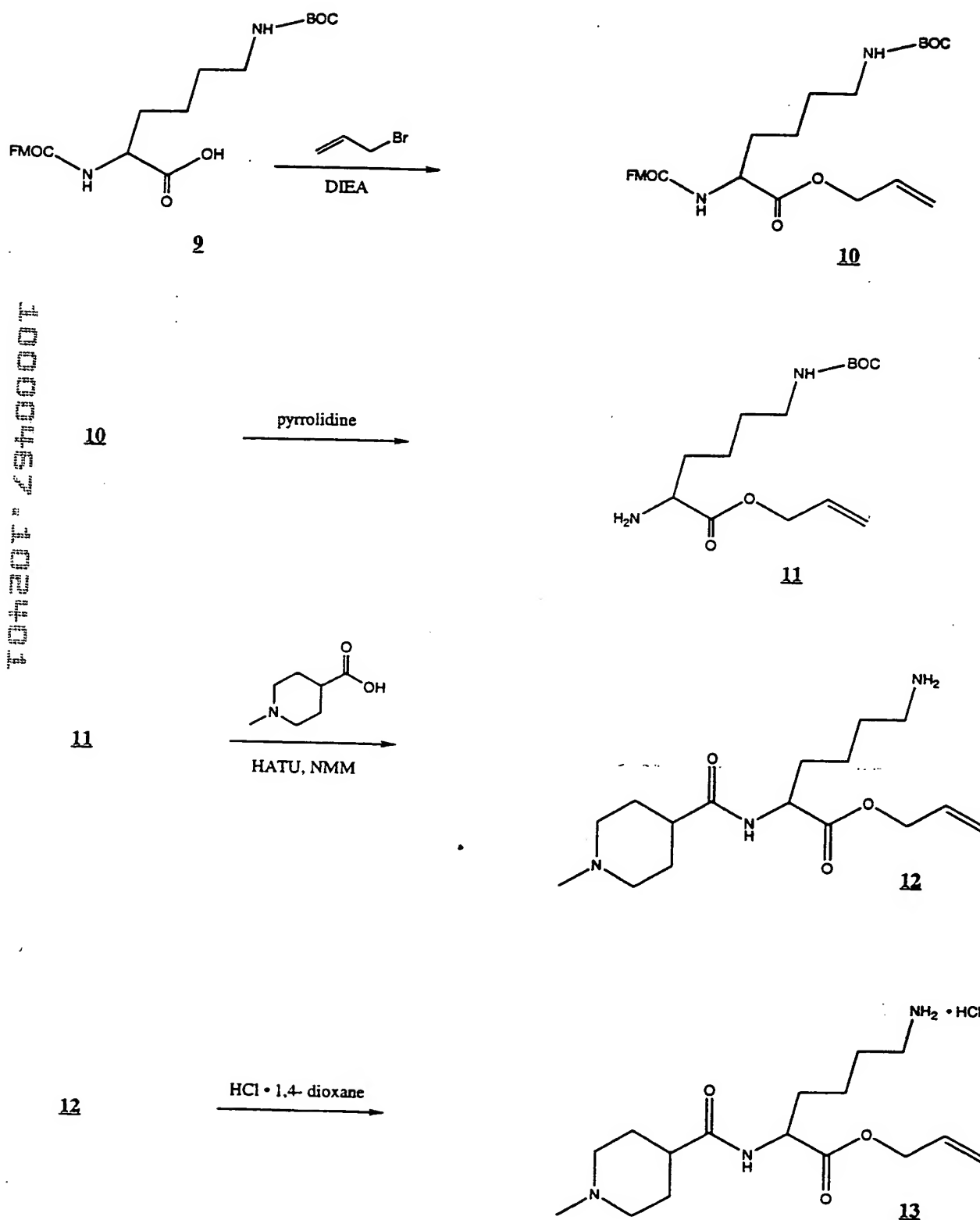


10000457-102401



FIGURE 15B

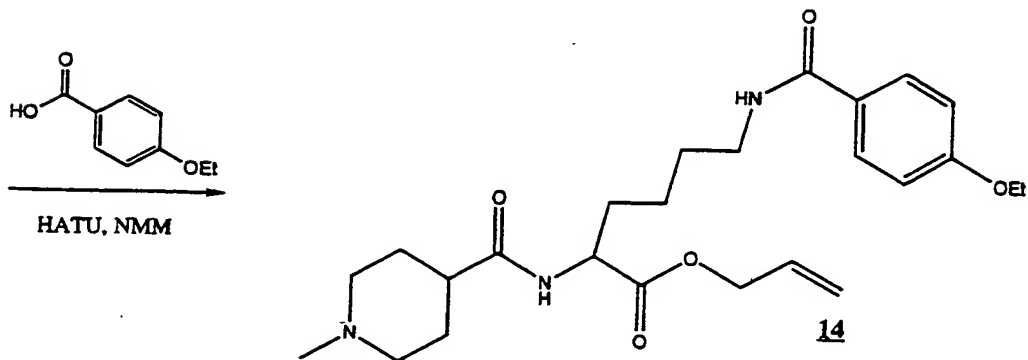
FIGURE 16A



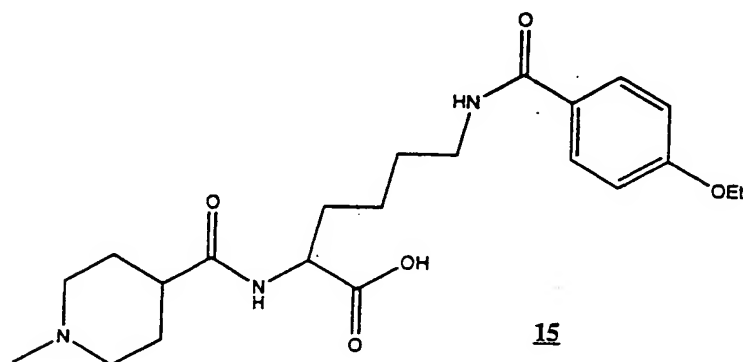
10000457-102401

FIGURE 16B

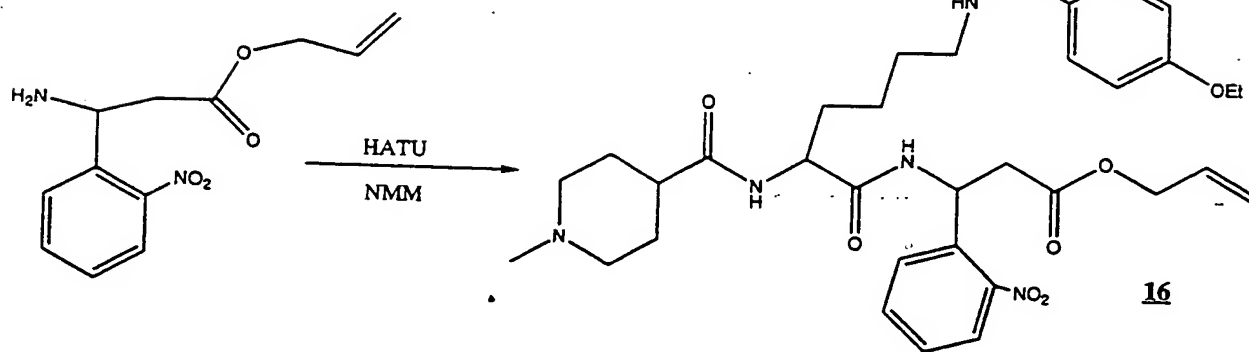
13



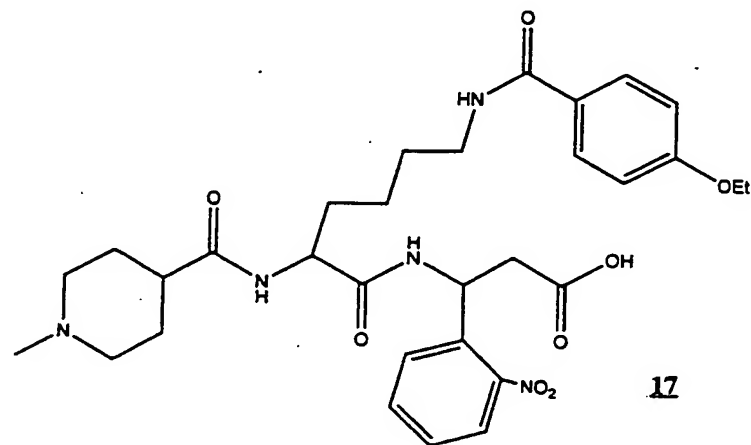
1N NaOH



15

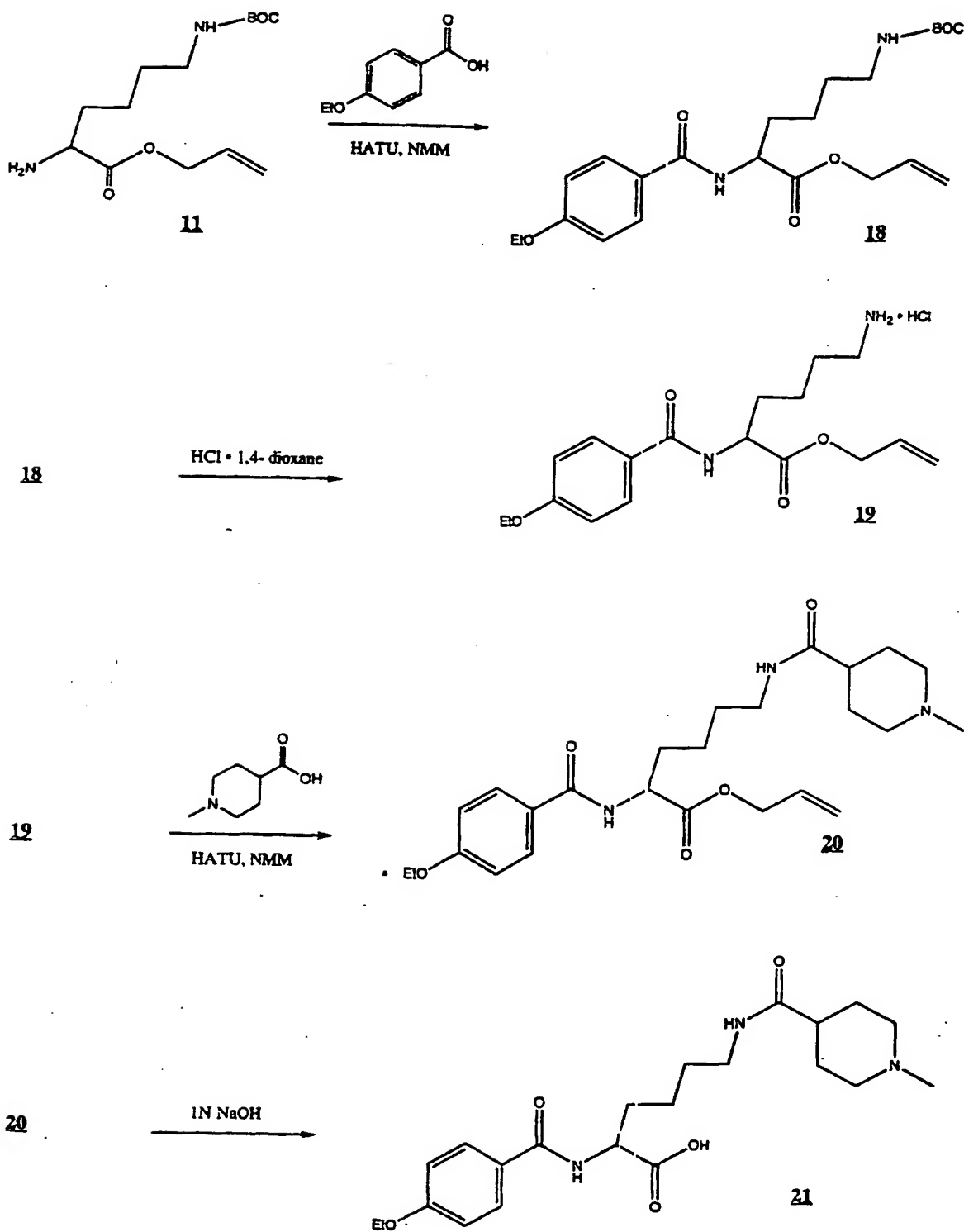


1N NaOH



16

FIGURE 17



10000467-102401